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SPECIFICATIONS

ILMENITE 'OR' GRADE

CHEMICAL ANALYSIS:

i) Guaranteed:

TiO_2	50.25 %(Min)
Th	75 ppm (Max)
U	10 ppm (Max)

ii) Typical:

TiO_2	50.50 %
FeO	34.04 %
Fe_2O_3	12.43 %
Al_2O_3	0.45 %
SiO_2	0.71 %
Cr_2O_3	0.048 %
MnO	0.51 %
P_2O_5	0.022 %
V_2O_5	0.23 %
CaO	0.04 %
MgO	0.64 %
Moisture	2.0 % (Max)
Th	43 ppm
U	< 6 ppm

SIZE ANALYSIS (TYPICAL):

Mesh (Tyler series)	**Sieve openings in Microns**	**Weight %**
35	425	Nil
48	300	1.7
65	212	19.7
100	150	34.3
150	106	34.5
170	90	5.4
200	75	3.7
-200	-75	0.7

Specific Gravity : 4.54
Bulk Density : 2,600 – 2,850 Kg/m^3
Hardness (MOH's) : 5.5 – 6.0

Note: 1. Ilmenite being a natural product, its chemical analysis is expected to vary.

2. Variations in the size of grains occur from time to time. Although not guaranteed, the grain size distributions can be expected to be within the above ranges.